



SECRETARY OF THE AIR FORCE  
WASHINGTON

FEB 17 2004

The Honorable Ike Skelton  
Ranking Minority Member, Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515-6035

Dear Mr. Skelton:

This memorandum responds to your request for unfunded priorities in connection with the Air Force FY05 budget. While I am pleased to forward the list, I want to emphasize that our first priority and most compelling needs are reflected in the Air Force's FY05 budget request. We have diligently worked the budget request to assure a foundation now to continue the war against terrorism, develop and take care of our people, maintain readiness, improve infrastructure and transform capabilities to support the joint warfighter. With this understanding, I am forwarding a \$2.4 billion list of unfunded programs that could be added to our budget request and that would support the goals I outlined above. I am also providing a separate list of Military Construction Projects that are currently funded in the Future Years Defense Plan that could potentially be accelerated should Congress desire.

We thank you for the opportunity to identify our unfunded priorities. Your support and assistance continues to ensure we have the quality people and equipment needed to support the military operations we are directed to execute.

A similar letter has been sent to the Chairman of your Committee and to the Chairmen and Ranking Minority Members of the other Congressional Defense Committees.

Sincerely,

A handwritten signature in dark ink, appearing to read "James H. Dorn", is located below the "Sincerely," text.

Attachment:  
AF FY05 UPL List

# FY05 AF Unfunded Priority List

| Priority | Item  | FY05 Amount (\$M) | Item Description   |
|----------|---|-------------------|--|
| 1        | Precision Air-to-Ground & Radar Modernization | 57.3              | Funds RDT&E efforts for an F-15C/D precision air-to-ground capability and two significant radar upgrades. The air-to-ground funding (\$7.6M) will add capability to employ air-to-ground smart weapons from the F-15C/D. The radar upgrade funding is required to keep these programs on schedule for production. The F-15C APG-63(V)3 radar upgrade (\$17.2M) will replace the current APG-63(V)1. This upgrade provides significant operational improvements, achieves a 500+% improvement in reliability and reduces the mobility footprint by 800%. The F-16 APG-68(V)9 radar upgrade (\$32.5M) will replace the APG-68(V)5. This radar is required for the all-weather Destruction of Enemy Air Defenses (DEAD) mission, in coordination with the HTS R7 pod and Advanced Sniper Pod. It will greatly enhance USAF capabilities to destroy enemy air defenses (particularly mobile systems) and establish air superiority. It provides a quantum leap in capability through the use of auto target cueing and Synthetic Aperture Radar (SAR) mapping, which enables more precise coordinate generation capability for targeting precision weapons—thus reducing collateral damage and fratricide. The APG-68(V)9 radar will reduce the cost of ownership by increasing the Mean Time Between Failure (MTBF) by 50%. |
| 2        | Advanced Targeting Pod                        | 65.0              | The Air Force is over 300 pods short of their requirement to equip legacy aircraft with next-generation targeting pods. This funding will purchase 46 SNIPER pods from Lockheed Martin-Orlando (LM-O) under the current Advanced Targeting Pod (ATP) contract. The Air Force is examining options to pursue a 2-pod strategy for subsequent ATP buys during the FY06.  |
| 3        | LAIRCM  | 137.0             | Additional funding accelerates LAIRCM (Large Aircraft Infrared Countermeasures) installations by modifying 59 additional C-17s with LAIRCM. Uses hardware originally slated for 16 C-17s and 8 C-130s to modify a total of 71 C-17s with LAIRCM "like" capability 3 years earlier than today's program (May 06 vs Jun 09). Meets 2 Small Scale Contingency C-17 requirement by FY06. LAIRCM "like" provides 15-20% less protection than full LAIRCM but significantly improved performance over today's flare solution. Small turnets would transfer to C-130s when mini-turnets arrive. Identified program adjustment requires \$68.0M FY04 funding.  |
| 4        | C-5 Missile Warning                           | 7.7               | Additional funding modifies all C-5s (50 Bx, 1 C) equipped with defensive systems with an upgraded Missile Warning System (MWS). Upgrades existing AAR-47 MWS with new processor, improved sensors, new control indicator unit, and new laser warning detection system. Failing sensors combined with obsolete parts result in decreased capability and limited asset protection. A more reliable missile detection and warning system decreases the chances of successful missile attacks on C-5 aircraft.  |
| 5        | Completing EC-130H Upgrade                    | 60.0              | Funds upgrade kits including SPEAR pods and internal gear to upgrade the last 2 of 14 EC-130H Compass Calls to the Block 35 configuration. DOD's only airborne combat platform jamming enemy communications targets.   |
| 6        | U-2/DCGS Interoperability                     | 24.2              | Funds 100% of the SYERS shortfall, providing real time data relay between the U-2 and DCGS (ATM); expedites accurate threat warning data transfer from sensor to warfighter (DTW); funds qualification of contractor to sustain mission critical SYERS sensor.   |
| 7        | Theater Deployable Comm (TDC) ANG & Recon     | 38.5              | Potential add accelerates fielding of TDC to 7 Reserve Component units. Completes reconstitution of critical deployable network control center equipment (D-NCC) deployed in support of OEF/OIF. TDC units are currently LDH/D AEF assets. Makes 7 more TDC equipped units available to support demanding CoCom AEF requirements. Replaces aged, less capable legacy equipment. Takes less airlift to get to theater, provides much greater warfighter C2 connectivity. Completes reconstitution of D-NCC capability to make 7 TDC units lacking D-NCC ready for AEF deployments.  |
| 8        | WMD Emergency Response Program                | 116.2             | Plus-up funds personal protective equipment, medical treatment equipment and supplies, decon and detection/identification equipment, and training at 75 installations. Funds CODE SILVER exercises and development of training scenarios at 40 bases, and 25 toxin identification equipment units (ECL) and associated training for 40 students. Initial capability will be fielded to all AF installations. Will accelerate deployment of bio response equipment training by 10 years at 20 bases. Fix FY0P shortfall in WMD ER capability (\$16.2M = 75% of req'd capability), and accelerate training/exercise from 4 to 12 base/year.  |
| 9        | Anti-Terrorism / Force Protection Cat A       | 68.1              | Plus-up funds "Category A" ATFP facility projects that mitigate facility vulnerabilities, including physical barriers at the perimeter of installations, entry control facilities, installation security systems, passive defense measures, and facility retrofit for ATFP deficiencies. Without facility repair, upgrade, and retrofit, Air Force personnel and equipment will remain at risk or will have to use time-consuming, costly, or inefficient work-arounds, degrading mission performance.   |
| 10       | T-38 Escape System Upgrade Program (ESUP)     | 20.0              | T-38 ESUP will modify a total of 199 T-38 aircraft with upgraded ejection seats, an inter-seat sequencing system, and improved escape path clearance. Allows FY05 award for kits for 60 aircraft; provides adequate beddown (5 aircraft/month) improves accommodation, enhances safety and provides career path through T-38s for smaller and larger students.   |
| 11       | CSEL Terminal Guidance                        | 8.8               | Funding is for RDT&E for TAG, upgrading the existing CSEL software; provides secure, 2-way line-of-sight, data communications between isolated personnel over AM voice frequency; provides visual cueing to guide combat search and rescue (CSAR) aircraft during "final mile" of personnel recovery. This capability would significantly enhance the CSAR mission giving the rescue forces and survivor an additional and much needed communication link. TAG would also give rescue forces a greater chance of a "one-pass" rescue and minimize the risk to life and equipment.  |
| 12       | HH-60 Simulator Modifications                 | 5.4               | Funds hardware/software to simulate aircraft system performance/flight characteristics, enhance reliability, and maintain aircraft configuration. Modifies one Operational Flight Trainer and one Weapon System Trainer. Improves simulator fidelity, enhances aircraft training and complies with AIB recommendations. Small investment yields potentially substantial benefit in lives and aircraft saved.   |
| 13       | Expeditionary Logistics-IT                    | 53.1              | Logistics IT has two components, Enterprise Resource Planning (ERP) and Unique Identification (UID) / Radio Frequency Identification (RFID). ERP replaces 500+ legacy IT systems with a suite of integrated functional modules (20+). ERP is a commercial-off-the-shelf (COTS) IT system with embedded best business practices. UID/RFID buys marking trailers/equipment/pools for permanent ID marks (2-D barcode) Begins elimination of over 35% of logistics IT systems and provides a new set of COTS IT solutions to improve C2 and enhance decision making through a common operating picture.   |



# FY05 AF Unfunded Priority List

| Priority | Item   | FY05 Amount (\$M) | Item Description   |
|----------|--|-------------------|--|
| 14       | GPS OCS Development                                | 37.7              | Reduces shortfall in FY05 GPS Operational Control Segment (OCS) funding and eliminates 12 months of a projected 30 month delay. Without this \$37.7M, improved accuracy, Selective Availability Anti-Spoof Module (SAASM), increased anti-jam capability through flex power, additional civil signals, improved signal monitoring, and M-code military enhancements for the GPS satellite constellation are delayed another year (SAASM delayed FY06 to FY07, M-code delayed from FY09 to FY10, all others delayed FY08 to FY09).  |
| 15       | Mode 5 / Mode S Capability Upgrade                 | 66.5              | Develops and procures critical Mode 5 capability and procurement for Mode S capability on US aircraft and ground Tactical Air Control Systems. USAF aircraft require Mode 5 / Mode S in order to have unrestricted access to international routes and to have upgraded Identification Friend or Foe Capability to prevent fratricide. Ensures USAF aircraft have unrestricted access around the globe—mandated for access to key European routes by 31 Mar 05. Upgrades aircraft to much more capable IFF capability—current Mode 4 has been de-certified by NSA.  |
| 16       | Combat Information Transportation System (CITS)    | 41.0              | CITS is the AF premier comm and computer system modernization program. It provides robust comm infrastructure for warfighter and supporting agencies to access secure/secure critical, real-time C2 information. Potential add accelerates infrastructure project installations at AFRC bases and major AMC transportation hubs. These accelerated installations support higher ops tempo and mobilization activities associated with GWOT which have placed increased demands on Reserve bases and airlift mobility centers.  |
| 17       | ACES II Upgrade Kits                               | 8.0               | The ACES II ejection seat was originally designed to safely eject aircrew weighing 140-211 lbs—many of today's aircrew do not fall within this range. Upgrade provides leg restraint protection that will increase the ACES II aircrew weight safe operating range from 211 to 245 lbs. The proposed FY05 plus-up will procure 822 ACES II Ejection Seat leg restraint kits for F-15 and F-16 aircraft.  |
| 18       | Expeditionary / Garrison Vehicles                  | 52.6              | Assets support all mission areas and funds replacement assets for vehicles beyond service life and those AF vehicles tasked permanently to the AOR. Funds 822 vehicles required to enable CONOPS capabilities, expeditionary sortie generation, and in-garrison flight line/base MX capability. 46% of fleet (41K of 88K vehicles) exceed useable life expectancy w/o Jun 03 report.   |
| 19       | Restoration & Modernization                        | 737.0             | R&M includes repair and replacement work to restore facilities damaged due to premature failure of facility components and facility alterations to implement new or higher standards, accommodate new functions, or replace building components that typically last more than 50 yrs; also includes mission beddown. Facility project funding (\$737M) addresses \$0.8B FY05 backlog of O&M facility projects.   |
| 20       | DMS/SP/PT PIA Integration                          | 7.4               | DMS/PT-18 and STP-1 were re-manifested from Boeing's Delta IV to Lockheed's Atlas V as a result of Boeing Procurement Integrity Act (PIA) violations. Funding procures 1 integration kit for DMS/PT. Without funding, DMS/PT-18 will not be able to launch in Oct 08 on the Atlas V increasing risk to constellation sustainability. STP will integrate during development for Sep 06 launch. STP funding shortfall will delay out year STP missions, inhibiting risk reduction efforts for several space acquisition programs.  |
| 21       | T-38 Propulsion Modernization Program Acceleration | 18.3              | The T-38 Propulsion Modernization Program (PMP) equips T-38Cs with new inlets, ejectors, and replaces cracked fuselage components. The PMP engines mod increases service life and eliminates risk of uncontained compressor disk failures with potential aircraft loss.  |
| 22       | Depot Purchased Equipment Maintenance              | 242.8             | Current level of funding causes aircraft and engine deferrals. Lack of additional funding drives bow wave of aircraft and engine deferrals as well as delays fielding mission critical software upgrades, decreases availability of space assets such as ground tracking sensors, impacts time-sensitive maintenance for ICBMs and drives blue-suit maintenance in field to maintain readiness posture.  |
| 23       | Space and Battlefield Operations Enhancements      | 73.6              | Accelerates and/or matures key S&T technologies to support new Technology Demonstrations and Upgrades. Additional funding would accomplish: Additional Battlefield Air Operations Kit upgrades for AF ground controllers (\$14.5M); demonstrate technique for Integrated Striker Targeting & Connectivity to shorten target engagement timeline (\$10M); microsatellite demonstrations and enhanced sensor capabilities for Space Force Enhancement (\$37M); integration of directed energy for airborne demonstration (\$12.1M).  |
| 24       | Big Bend Range                                     | 10.0              | This action will fund Phase I (of a three-phase program) to acquire a new test and training (T&T) range and new restricted airspace located in Florida's Big Bend area, to be operated by Eglin AFB as part of the existing Eglin Range Complex. The new range is required to support realistic test and training of long-range standoff/long-range weapons. DoD does not currently have the capability within the CONUS to test large footprint weapons (JASSM, SDB) directed energy weapons, or train for supersonic release of large footprint weapons—requiring the use of other Nation's ranges. With the heavy development in NW Florida and dwindling areas within CONUS, immediate action is required to acquire the available land. |
| 25       | Anti-Terrorism / Force Protection Cat B            | 127.2             | Plus-up funds "Category B and C" AT / FP facility projects which mitigate facility vulnerabilities, including physical barriers on the interior of installations, installation security systems, passive defense measures, and facility retrofit for AT/FP deficiencies. Without facility repair, upgrade, and retrofit, Air Force personnel and equipment will remain at risk or will have to use time-consuming, costly, or inefficient work-arounds, degrading mission performance.   |
| 26       | LMR Infrastructure - Civil Air Patrol              | 29.3              | National Telecommunication Info Administration mandated transition to "narrowband" operations by 2005/2008. All Federal LMR users must transition to new equipment or risk loss of frequency use and cause C2 LMR communications. CAP must procure new LMR infrastructure and handsets to meet the FY05 mandate. Potential add will permit CAP to procure the necessary LMR equipment and transition before mandate. Without funding for new LMR infrastructure and handsets, CAP will not be able to coordinate their missions including support to 95% of nation's inland search and rescue, homeland security aerial surveillance, disaster relief and countering operations.   |
| 27       | 3 C-40's @ Scott AFB (AFRC) 932 AW                 | 261.3             | Funds add 3 C-40C aircraft which includes site activation, MILCON, and O&M costs; funds sustain 3 C-9s at Scott AFB. AF would extend 3 C-9s into FY05 and implement 932 AW's transition to C-40Cs to perform Operational Support Airlift (OSA) mission   |
|          | Total  | 2,374.0           |  |

# AIR FORCE MILCON

| MAJCOM | Base           | Title  | Cost*   |
|--------|----------------|--|---------|
| Active | AA-Various     | P&D Active                                       | 64,521  |
| ANG    | AA-Various     | P&D Guard  | 800     |
| AFRC   | AA-Various     | P&D Reserve                                      | 1,400   |
| AFRC   | Wright-Pat     | C-5 Maintenance Nose Dock                        | 15,300  |
| AFMC   | Edwards        | Fitness Center                                   | 14,300  |
| USAFE  | Aviano         | Consolidated Support Center                      | 8,300   |
| USAFE  | Lajes          | Repair Aircraft Maintenance Hangar               | 14,900  |
| USAFE  | Spangdahlem    | Large Vehicle Inspection Station                 | 4,050   |
| AFSPC  | Buckley        | ADAL Comm Complex                                | 10,600  |
| ANG    | Otis           | Rpl Fighter Aircraft Alert Complex               | 3,000   |
| AMC    | Charleston AFB | Fitness Center                                   | 2,500   |
| PACAF  | Wake           | Upgrade Island-Wide Infra, Ph 2                  | 25,000  |
| AFSPC  | Vandenberg     | Replace 13th Street Bridge                       | 15,500  |
| AMC    | McGuire        | Electrical Distribution System                   | 11,800  |
| ACC    | Offutt         | Repair Runway                                    | 19,600  |
| AFMC   | Brooks         | Tri-Service Research Facility                    | 22,000  |
| AFSOC  | Eglin 9        | Fire Station                                     | 6,000   |
| USAF   | USAF           | Upgrade Academic Facility, Phase 4               | 24,300  |
| 11WG   | Bolling        | Force Protection Relocation of HQ Functions      | 12,800  |
| ACC    | Hill           | Operations /Maintenance Complex (729th ACS)      | 4,900   |
| AFMC   | Arnold         | Improve Propulsion Altitude Capability           | 33,000  |
| PACAF  | Hickam         | Upgrade Electrical Distribution System           | 23,000  |
| AFSPC  | Patrick        | Security Forces Operations Facility              | 8,800   |
| ACC    | Langley        | Repair Primary Parking Apron/Taxiway             | 17,500  |
| AMC    | Andrews AFB    | Consolidated Mission Support Center, Ph 1        | 9,700   |
| AFMC   | Edwards        | Replace Engineering Technical Facility           | 18,500  |
| AMC    | Scott AFB      | TACC (Air Ops Center)                            | 28,000  |
| PACAF  | Hickam         | Operationalize HQ PACAF Building, Ph 1 of 2      | 23,000  |
| AFSPC  | FE Warren      | Helicopter Operations Complex                    | 9,000   |
| PACAF  | Eielson        | Munitions Surveillance & Inspections Facility    | 5,500   |
| AETC   | Goodfellow     | Intel Tech Training Facility                     | 30,450  |
| ACC    | Shaw           | USCENTAF Communications Squadron Facility        | 9,700   |
| AMC    | Charleston AFB | Civil Engineer/Contracting Complex               | 18,500  |
| ANG    | Stanly County  | Relocate Communication Training Complex          | 4,700   |
| AFSPC  | LA AFB         | Logistics Operations Resource Center             | 12,800  |
| AFMC   | Edwards        | Replace Information Technology Operations Center | 18,500  |
| USAFE  | Ramstein       | Ramp 1, Phase 2                                  | 23,600  |
| ACC    | Ellsworth      | Base Operations /RAPCON Facility                 | 11,800  |
| AETC   | Luke           | Communication Operations Center                  | 15,540  |
| AMC    | Pope AFB       | Fire Station/Control Tower                       | 14,000  |
| AETC   | Maxwell        | SOC Dormitory, PH4                               | 14,280  |
| AFSPC  | Malmstrom      | Corrosion Control/AGE Facility                   | 5,600   |
| AFMC   | Arnold         | Consolidate Rocket Test Altitude Capability      | 7,400   |
| AFMC   | Kirtland       | Replace High Power Gas Laser Lab Complex         | 8,400   |
| ACC    | Davis-Monthan  | EC-130 Squadron Ops/AMU Facility (41st ECS)      | 7,000   |
| AMC    | Travis (AMOG)  | AMOG Global Deployment Center                    | 15,000  |
| ACC    | Tinker         | 31st Combat Comm Squadron Operations             | 11,800  |
| USAFE  | Incirlik       | Consolidated Community Center                    | 6,859   |
| AFSPC  | Minot          | Security Forces Vehicle building                 | 8,300   |
| AFMC   | Wright-Pat     | Information Technology Complex, Phase 1          | 21,000  |
| ACC    | Hurlburt       | Vehicle Maintenance Facility (823) RHS           | 6,100   |
| AETC   | Lackland       | Security Forces Consolidated Operations Facility | 7,800   |
| AMC    | MacDill AFB    | Repair Taxiway Airfield Storm Drains             | 15,000  |
| AFMC   | Arnold         | Consolidated Civil Engineering Complex           | 15,500  |
| PACAF  | Hickam         | Consol Joint Mobility Complex (PACAF/AMC)        | 29,800  |
|        | Total          |  | 797,000 |

\* Dollars in thousands